

## Rhenogran® CTP-80

Predispersed rubber chemicals and additives

### Function

Pre-vulcanization inhibitor for natural and synthetic rubbers

### Product description

Composition:	80 % N-(cyclohexylthio)-phthalimide 20 % elastomer binder and dispersing agents
Appearance:	beige granules
Density, 20 °C:	approx. 1.23 g/cm <sup>3</sup>
Physiological properties:	see safety data sheet

### Use

Mode of action:	Rhenogran CTP-80 retards the onset of cure in NR and synthetic rubber without considerably extending the total curing time. It is preferably used with sulfenamide or thiazole accelerators to improve processing safety, leaving the properties of the vulcanizate unchanged. Rhenogran CTP-80 significantly improves the storage stability of uncured compounds. When Rhenogran CTP-80 is added processing of rubber compounds at higher temperatures is feasible, thereby increasing machine capacity utilization. Contact staining does not occur. Rhenogran CTP-80 causes only very slight discolouration in bright or white articles.
Processing:	The thermoplastic, fully compatible elastomer binder which is combined with special dispersing agents allows quick absorption and excellent dispersion in the rubber. In this way, optimal activity of the effective substance is assured.
Dosage:	0.2-2.0 phr
Application:	Compounds based on synthetic and natural rubber which are mainly cured with thiazole and sulfenamide accelerators, e.g. in the production of tires, conveyor belts, shoe soles, technical molded and extruded articles

### Packaging

25 kg paper bags on 1000 kg skid

### Storage stability

In original closed containers under cool and dry conditions 730 days from date of production

### Handling

For additional handling information on Rhenogran CTP-80 please consult current safety data sheet.

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